SONIC CELL

Using with Sonar LE

To save an edited midi file in SONAR LE, saving all the information from the Sonic Cell editor VST, so that it can be played back from a USB Key drive and sound the same.

1. In order to do this you must have first setup the Sonic Cell, SONAR LE, and the VST editor correctly. If your Sonic Cell is already setup correctly, skip to step 2.

    a. Setup the Sonic Cell – **Do not connect the Sonic Cell via USB yet!!!**
        i. You must be logged on to an administrators account on your PC.
        ii. Insert the Sonic Cell driver CD in your CD drive.
        iii. Browse the CD to the driver folder.
        iv. You may install a driver for Windows XP or Windows Vista. Click through the folder for the OS you are running.
        v. Double click setup.exe
        vi. Follow the on-screen instructions to complete the driver installation, attaching the Sonic Cell via USB when prompted.
        vii. You will be finished installing the Sonic Cell's drivers when you see the message "Your hardware has successfully installed and is ready to use" on your computer screen. Close the driver installation window.
    b. Setup the Sonic Cell Editor (stand-alone)
        i. You must be logged on to an administrators account on your PC.
        ii. Insert the Sonic Cell driver CD in your CD drive.
        iii. Browse the CD to the Editor folder.
        iv. Double click setup.exe
        v. Follow the onscreen instructions, ensuring that you choose the complete install option when prompted.
    c. Setup SONAR LE
        i. Insert the SONAR LE CD.
        ii. The installer will start up automatically if your computer has autorun enabled. If not, browse the CD and double click on setup.exe
        iii. Follow the on-screen instructions to complete the installation of SONAR LE.
        iv. Once installed, you must make some basic settings within SONAR LE so you can successfully use the Sonic Cell as your audio and midi hardware.
            1. Setup midi devices
                a. Open SONAR LE on your PC
                b. Close all the nag screens which appear.
                c. Use the 'Options' drop-down menu and choose MIDI Devices
                d. On the left hand side of the window which appears (Inputs), highlight Roland SonicCell by clicking on it. Ensure no other items in the list are highlighted.

e. On the right hand side of the window which appears (Outputs), highlight Roland SonicCell by clicking on it. Ensure no other items in the list are highlighted.
f. Click OK.

2. Setup audio devices
   a. Open SONAR LE on your PC if it is not already open.
   b. Close all the nag screens which appear.
   c. Use the 'Options' drop-down menu and choose AUDIO.
   d. In the window which appears click on the Drivers tab at the top.
   e. Select by highlighting 'Roland SonicCell IN L' in the Input drivers box. No other drivers should be highlighted.
   f. Select by highlighting 'Roland SonicCell OUT L' in the output devices box. No other drivers should be highlighted.
   g. You may have to close down SONAR LE at this point and restart it. If so, repeat steps b and c.
   h. Choose the 'Advanced' tab at the top.
   i. Under playback and recording, use the 'driver mode' drop-down menu and choose ASIO.
   j. Click on 'Share drivers with other programs' to show a tick in the box
   k. Press OK
   l. Close and restart SONAR LE
   m. Repeat steps b and c
   n. Choose the General tab at the top
   o. Set playback timing master to 'Roland SonicCell OUT L'
   p. Set record timing master to 'Roland SonicCell IN L'
   q. Click OK.
   r. Your computer may ask if it can examine your audio hardware by running some tests. Allow it to complete the tests. You may have to close and restart SONAR LE again.

d. Setup Sonic Cell Editor VST
   i. Insert the Sonic Cell Editor CD into your CD drive.
   ii. Browse the CD to the Sonar Utility folder.
   iii. Double click on the VST Adapter updater folder.
   iv. Double click on VSTAdapter453Update_E.exe icon
   v. Follow the on-screen instructions to setup the VST adapter until it comes to the Wrap VST Plugins page.
   vi. Click 'Yes, I would like to wrap VST Plug-ins now' then hit next.
   vii. Click next again.
   viii. Click 'Add'
   ix. Browse to c:\program files\roland
   x. Click next
   xi. The program will find the Sonic Cell vst editor. Follow the on-screen instructions to complete the installation.

2. Creating you midi file edit
   a. Open SONAR LE.
   b. Close all the nag windows which pop up.
   c. Close the default arrangement by clicking File/Close.
   d. Open a new arrangement by clicking File/new.

e. Choose ‘Blank (no tracks or busses)’ in the New Project File window.
f. Right click in the dark grey area in the new window and select ‘Insert Audio Track’
g. Track 1 will appear at the top of the dark grey area.
h. Click the double box icon at the right hand end of the track bar (‘Restore Strip Size’)
i. This is now the area where you can make settings for this track. Right click in the FX box and choose DXi Synth/VST SonicCell Editor VST
j. You will see the SonicCell editor splash screen and it will read all data from the Sonic Cell finishing with the sonic cell mixer displayed.
k. Minimise the sonic cell editor window.
l. Return to the main SONAR LE window and go back to the dark grey area where you created track 1. Right click in the dark grey area again and choose ‘Insert MIDI Track’
m. Click File/Import/MIDI.
n. Browse to your midi file which you want to edit and choose OPEN
o. Your midi file will load into SONAR LE. Make any desired changes using the editor software.
p. Once all your changes have been made, you need to save the data created by it. To do this:
    i. From the Sonic Cell editor window, choose File/Export SMF/’Performance + Patch/Rhythm Set...’
    ii. Give your data a name, and choose SAVE. (The editor will create a midi file on your hard drive where this data is stored. Remember where it is, and what name you gave it, because you will need this data in a moment.)
q. Return to the SONAR LE window, and choose File/Import/Midi.
r. Browse to the location of the midi file you just saved.
s. Select it, and choose OPEN.
t. At this point you will load the system exclusive data from the new midi file into the original midi file you were editing. This means when you play back the song into the Sonic Cell, it will sound exactly the same as you edited it to, without the need for a computer or the editor program.
u. Save your midi file from SONAR LE by choosing File/Save As.
v. Give you midi file a name again in the File Name box
w. Change the ‘Save as type’ box to ‘MIDI Format 1’ using the drop down menu.

You have now created a completely edited midi file. You may now transfer it to your USB memory key, and try it in your Sonic Cell. It will sound exactly the same as when you used the editor on your computer.